

**Flood Control Project Maintenance  
Levee Inspections**

**Fall 2016 Levee Maintenance Deficiency Summary Report**

**Overall LMA & Unit Ratings, including USACE Erosion Survey**

**Sacramento River Basin**

<b>NA0005</b>	Overall LMA Rating	Total LMA Miles						
<b>City of Sacramento</b>	<b>U</b>	<b>3.67</b>						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
<i>Earthen Levee</i>								
Vegetation	0.40		0.40	10.89%				
Trim / Thin Trees	0.54		0.54	14.70%				
Encroachments					0.41			
Animal Control	0.04	0.01	0.08	2.18%				
<i>Supplemental</i>								
2015 USACE Erosion Survey, DRAFT	0.13		0.13	3.54%				
DWR UCIP Field Study					0.62	0.01		
<i>LMA Totals:</i>	1.11	0.01	1.15	31.31%	1.03	0.01	0.00	0.00

<b>Unit No. 01 Sacramento River LB</b>	Overall Unit Rating	Total Unit Miles						
<b>NA0005</b>	<b>U</b>	<b>3.67</b>						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
<i>Earthen Levee</i>								
Vegetation	0.40		0.40	10.89%				
Trim / Thin Trees	0.54		0.54	14.70%				
Encroachments					0.41			
Animal Control	0.04	0.01	0.08	2.18%				
<i>Supplemental</i>								
2015 USACE Erosion Survey, DRAFT	0.13		0.13	3.54%				
DWR UCIP Field Study					0.62	0.01		
<i>Unit Totals:</i>	1.11	0.01	1.15	31.31%	1.03	0.01	0.00	0.00

**Flood Control Project Maintenance  
Levee Inspections**  
**LMA District Cover Sheet**  
**Fall 2016 Levee Inspection Results**

**City of Sacramento**

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
† Overall LMA Rating (Fall Only)			U	

\*\* Non-receipt of Summer or Winter Inspection  
Reports may effect overall annual rating.

† SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports. This rating is not intended to be an indication of risk.

Comments


**Flood Control Project Maintenance  
Levee Inspections**

**Unit Cover Sheet**

**Fall 2016 Levee Inspection Results**

**City of Sacramento**

Waterway			Bank	Unit Miles
Unit No. 01 Sacramento River			Left	3.67
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			U	
Date of Inspection	3/8/2016 - 3/8/2016		9/15/2016 - 9/15/2016	
DWR Inspector	Jai Lor		Oleg Yakimov	
Accompanied By	Michael Gonsalves City of Sacramento		Michael Perrone City of Sacramento	

**Summer & Winter Inspections**

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

*The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.*

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2016**

**City of Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/15/2016 09/15/2016	Oleg Yakimov

LM Start		Rating **	A	Issue No.	20
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Operations & Maintenance Manuals			°	°
				°	°
DWR ID	DWR_NA0005_01_s_2013_20				
Comment Code					
Inspector Comment					
City of Sacramento has copies of the levee O&M manuals.					

No Photos

LM Start		Rating **	A	Issue No.	22
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Emergency Supplies & Equipment			°	°
				°	°
DWR ID	DWR_NA0005_01_s_2013_22				
Comment Code					
Inspector Comment					
City of Sacramento maintains a stockpile of Flood Fight response material.					

No Photos

LM Start		Rating **	A	Issue No.	23
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Flood Preparedness & Training			°	°
				°	°
DWR ID	DWR_NA0005_01_s_2013_23				
Comment Code					
Inspector Comment					
City of Sacramento has a written response plan and regular response training.					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2016**

**City of Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/15/2016 09/15/2016	Oleg Yakimov

LM Start	0.00	Rating **	M	Issue No.	848
LM End	0.00	Issue Type +	En	Location *	N/A
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.564778 °	38.564778 °
				-121.563064 °	-121.563064 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:38737					
DS_ID:24916					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					
UCIP Comments:					
FIELD_STRUCT_DESC: Storm drain manhole					
FS Date: 3/6/2013					

No Photos

LM Start	0.06	Rating **	M	Issue No.	885
LM End	0.06	Issue Type +	En	Location *	N/A
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.589864 °	38.589864 °
				-121.505128 °	-121.505128 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:49955 DS_ID:21559 EP_NO: 14527 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 7/19/2016 Paddle marker missing from WS--owner will need to work with CVFPB to determine if paddle marker on WS is necessary. (DWR UCIP - omagana)3/22/2016 Need to contact owner to determine condition of crossing and last inspection date. (DWR UCIP - omagana) FIELD_STRUCT_DESC: 12.75-inch steel gas line through levee (right bank), unable to confirm depth below the crown. Permit indicates the pipeline shall be buried with a minimum cover of 1 feet in the levee slopes and 2 feet through the levee crown. Line was directionally bored under the left bank levee and low water channel at a minimum cover of 44 feet and 21 feet, respectively. Paddle marker located approximately 150 feet from levee crown on landside (LS). (Permit No. 14527, 1987 - Southern Pacific Pipelines, Inc.) [Additional Reference(s): DWR Levee Log, 1993] FS Date: 7/19/2016					

Photo 1 of 2 : UCIP\_FA\_2016\_49955\_33806.jpg



View of levee crown at crossing--sign visible on landward side near freeway underpass.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2016**

**City of Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/15/2016 09/15/2016	Oleg Yakimov

LM Start	0.06	Rating **	M	Issue No.	885 (cont)	
LM End	0.06	Issue Type +	En	Location *	N/A	
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.589864 °	38.589864 °	
				-121.505128 °	-121.505128 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:49955 DS_ID:21559 EP_NO: 14527 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 7/19/2016 Paddle marker missing from WS--owner will need to work with CVFPB to determine if paddle marker on WS is necessary. (DWR UCIP - omagana)3/22/2016 Need to contact owner to determine condition of crossing and last inspection date. (DWR UCIP - omagana) FIELD_STRUCT_DESC: 12.75-inch steel gas line through levee (right bank), unable to confirm depth below the crown. Permit indicates the pipeline shall be buried with a minimum cover of 1 feet in the levee slopes and 2 feet through the levee crown. Line was directionally bored under the left bank levee and low water channel at a minimum cover of 44 feet and 21 feet, respectively. Paddle marker located approximately 150 feet from levee crown on landside (LS). (Permit No. 14527, 1987 - Southern Pacific Pipelines, Inc.) [Additional Reference(s): DWR Levee Log, 1993] FS Date: 7/19/2016						

Photo 2 of 2 : UCIP\_FA\_2016\_49955\_33805.jpg



View of multiple markers indicating gas alignment.

LM Start	0.14	Rating **	M	Issue No.	828
LM End	0.14	Issue Type +	En	Location *	N/A
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.588768 °	38.588768 °
				-121.504891 °	-121.504891 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:41414 DS_ID:24882 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need to contact owner to determine status of crossing. No permit found during desk study review. FIELD_STRUCT_DESC: 42 inch water transmission main through levee at unknown depth. Crossing installed in 1966. FS Date: 3/6/2013					

Photo 1 of 2 : UCIP\_FA\_2016\_41414\_72622.jpg



View of levee crown and waterward side.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2016**

**City of Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/15/2016 09/15/2016	Oleg Yakimov

LM Start	0.14	Rating **	M	Issue No.	828 (cont)
LM End	0.14	Issue Type +	En	Location *	N/A
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.588768 °	38.588768 °
				-121.504891 °	-121.504891 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:41414 DS_ID:24882 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need to contact owner to determine status of crossing. No permit found during desk study review. FIELD_STRUCT_DESC: 42 inch water transmission main through levee at unknown depth. Crossing installed in 1966. FS Date: 3/6/2013					

Photo 2 of 2 : UCIP\_FA\_2016\_41414\_72621.jpg



Underground Service Alert (USA) markings indicating 42 inch line through levee.

LM Start	0.14	Rating **	M	Issue No.	829
LM End	0.14	Issue Type +	En	Location *	N/A
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.588738 °	38.588738 °
				-121.504891 °	-121.504891 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:41415 DS_ID:24883 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need to contact owner to confirm alignment and status of crossings. No permit found during desk study review. FIELD_STRUCT_DESC: ARV communication line and 3-inch STL communication line on levee. FS Date: 3/6/2013					

Photo 1 of 2 : UCIP\_FA\_2016\_41415\_72630.jpg



Underground Service Alert (USA) markers visible on levee crown.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2016**

**City of Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/15/2016 09/15/2016	Oleg Yakimov

LM Start	0.14	Rating **	M	Issue No.	829 (cont)
LM End	0.14	Issue Type +	En	Location *	N/A
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.588738 °	38.588738 °
				-121.504891 °	-121.504891 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:41415 DS_ID:24883 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need to contact owner to confirm alignment and status of crossings. No permit found during desk study review. FIELD_STRUCT_DESC: ARV communication line and 3-inch STL communication line on levee. FS Date: 3/6/2013					

Photo 2 of 2 : UCIP\_FA\_2016\_41415\_72623.jpg



Overview of levee crown looking downstream.

LM Start	0.15	Rating **	U	Issue No.	886
LM End	0.15	Issue Type +	En	Location *	N/A
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.588636 °	38.588636 °
				-121.504860 °	-121.504860 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:49956 DS_ID:24884 EP_NO: N/A Repair Type: Urgent Crossing Status: Indicator Found UCIP Comments: 07/19/2016 same as previous inspection. Need to contact owner to determine status of crossing. Unable to confirm alignment or depth through the levee crown. (DWR UCIP - omagana)10/17/2014 No markers found. Need to contact owner to determine status of crossing and to determine last inspection date. (DWR UCIP - omagana) FIELD_STRUCT_DESC: 3-inch steel gas line though levee at unknown depth. Undergroud alert service (USA) markings indicate this line is a PG&E line visible in 2013. FS Date: 7/19/2016					

Photo 1 of 2 : UCIP\_FA\_2016\_49956\_72627.jpg



View of levee crown and alignment of PG&amp;E line visible by yellow paint markings.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2016**

**City of Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/15/2016 09/15/2016	Oleg Yakimov

LM Start	0.15	Rating **	U	Issue No.	886 (cont)	
LM End	0.15	Issue Type +	En	Location *	N/A	
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.588636 °	38.588636 °	
				-121.504860 °	-121.504860 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:49956 DS_ID:24884 EP_NO: N/A Repair Type: Urgent Crossing Status: Indicator Found UCIP Comments: 07/19/2016 same as previous inspection. Need to contact owner to determine status of crossing. Unable to confirm alignment or depth through the levee crown. (DWR UCIP - omagana)10/17/2014 No markers found. Need to contact owner to determine status of crossing and to determine last inspection date. (DWR UCIP - omagana) FIELD_STRUCT_DESC: 3-inch steel gas line though levee at unknown depth. Undergroud alert service (USA) markings indicate this line is a PG&E line visible in 2013. FS Date: 7/19/2016						

Photo 2 of 2 : UCIP\_FA\_2016\_49956\_72626.jpg



Underground Service Alert (USA) markings of PG&E line through levee, Photo 1 of 2.

LM Start	0.16	Rating **	M	Issue No.	830
LM End	0.16	Issue Type +	En	Location *	N/A
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.588500 °	38.588500 °
				-121.504856 °	-121.504856 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:41416					
DS_ID:24885					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					
UCIP Comments: No markers visible as per Title 23. Recommend having utility owner coordinate with Central Valley Flood Protection Board (CVFPB).					
FIELD_STRUCT_DESC: ATT communication line through levee at unknown depth.					
FS Date: 3/6/2013					

Photo 1 of 2 : UCIP\_FA\_2016\_41416\_72629.jpg



Alignment of communication line through levee, Photo 1 of 2.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2016**

**City of Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/15/2016 09/15/2016	Oleg Yakimov

LM Start	0.16	Rating **	M	Issue No.	830 (cont)	
LM End	0.16	Issue Type +	En	Location *	N/A	
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.588500 °	38.588500 °	
				-121.504856 °	-121.504856 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:41416						
DS_ID:24885						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Indicator Found						
UCIP Comments: No markers visible as per Title 23. Recommend having utility owner coordinate with Central Valley Flood Protection Board (CVFPB).						
FIELD_STRUCT_DESC: ATT communication line through levee at unknown depth.						
FS Date: 3/6/2013						

Photo 2 of 2 : UCIP\_FA\_2016\_41416\_72628.jpg



Alignment of communication line through levee, Photo 2 of 2.

LM Start	0.17	Rating **	M	Issue No.	836
LM End	0.17	Issue Type +	En	Location *	N/A
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.588427 °	38.588427 °
				-121.504859 °	-121.504859 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:38707					
DS_ID:24886					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments:					
FIELD_STRUCT_DESC: ATT communication line through levee.					
FS Date: 3/6/2013					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2016**

**City of Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/15/2016 09/15/2016	Oleg Yakimov

LM Start	0.22	Rating **	M	Issue No.	859
LM End	0.22	Issue Type +	En	Location *	N/A
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.587615 °	38.587615 °
				-121.505034 °	-121.505034 °
DWR ID					

**Comment Code**

**Inspector Comment**

FS\_ID:40848  
DS\_ID:24887  
EP\_NO: N/A  
Repair Type: Non-Urgent  
Crossing Status: Indicator Found  
UCIP Comments: Pump station appears non-functional. Owner will need to coordinate with DWR-Inspector and CVFPB to determine if crossing meets Title 23 requirements.  
FIELD\_STRUCT\_DESC: 12 inch connected to 10 inch pipe through levee at unknown depth.  
FS Date: 3/6/2013

LM Start	<b>0.22</b>	Rating **	M	Issue No.	<b>859 (cont)</b>
LM End	<b>0.22</b>	Issue Type +	En	Location *	N/A

Photo 1 of 2 : UCIP\_FA\_2016\_40848\_72633.jpg



Pipe through levee visible next to building located on levee.

Photo 2 of 2 : UCIP\_FA\_2016\_40848\_72632.jpg



View of levee crown at crossing.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2016**

**City of Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/15/2016 09/15/2016	Oleg Yakimov

LM Start	0.42	Rating **	M	Issue No.	864
LM End	0.42	Issue Type +	En	Location *	N/A
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.584794 °	38.584794 °
				-121.505548 °	-121.505548 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:41247					
DS_ID:24889					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					
UCIP Comments: Unable to confirm if crossing exists. Approximate alignment provided by the City of Sacramento. Need to confirm alignment and status of crossing.					
FIELD_STRUCT_DESC: 10 inch pipe through levee. Record was obtained from Sacramento County approximate utility alignment.					
FS Date: 3/6/2013					

Photo 1 of 1 : UCIP\_FA\_2016\_41247\_72740.jpg



Alignment provided by City of Sacramento of 10 inch line--not found during field inspection.

LM Start	0.42	Rating **	M	Issue No.	826
LM End	0.42	Issue Type +	En	Location *	N/A
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.584762 °	38.584762 °
				-121.505556 °	-121.505556 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:20384					
DS_ID:21561					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					
UCIP Comments: Only manhole was visible; need to determine condition of crossing; Will need to follow up with the City of Sacramento.					
FIELD_STRUCT_DESC: 18-inch-diameter storm drain through the levee, 5 feet below the crown. Concrete surge box on the waterward side of the retaining wall. Concrete box spillway.					
FS Date: 3/6/2013					

Photo 1 of 2 : UCIP\_FA\_2016\_20384\_34410.jpg



View of levee crown downtown Sacramento--wide crown with railroad.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

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**City of Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/15/2016 09/15/2016	Oleg Yakimov

LM Start	0.42	Rating **	M	Issue No.	826 (cont)	
LM End	0.42	Issue Type +	En	Location *	N/A	
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.584762 °	38.584762 °	
				-121.505556 °	-121.505556 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:20384						
DS_ID:21561						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Indicator Found						
UCIP Comments: Only manhole was visible; need to determine condition of crossing; Will need to follow up with the City of Sacramento.						
FIELD_STRUCT_DESC: 18-inch-diameter storm drain through the levee, 5 feet below the crown. Concrete surge box on the waterward side of the retaining wall. Concrete box spillway.						
FS Date: 3/6/2013						

Photo 2 of 2 : UCIP\_FA\_2016\_20384\_34409.jpg



View of manhole located at the edge of waterward.

LM Start	0.42	Rating **	M	Issue No.	838
LM End	0.42	Issue Type +	En	Location *	N/A
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.584745 °	38.584745 °
				-121.505460 °	-121.505460 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:38713					
DS_ID:24892					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					
UCIP Comments:					
FIELD_STRUCT_DESC: unknown					
FS Date: 3/6/2013					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2016**

**City of Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/15/2016 09/15/2016	Oleg Yakimov

LM Start	0.42	Rating **	M	Issue No.	837
LM End	0.42	Issue Type +	En	Location *	N/A
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.584739 °	38.584739 °
				-121.505483 °	-121.505483 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:38712					
DS_ID:24891					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					
UCIP Comments:					
FIELD_STRUCT_DESC: unknown crossing					
FS Date: 3/6/2013					

No Photos

LM Start	0.42	Rating **	M	Issue No.	831
LM End	0.42	Issue Type +	En	Location *	N/A
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.584767 °	38.584767 °
				-121.505700 °	-121.505700 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:41417 DS_ID:24890 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need additional information about crossing--depth of pipe, owner, status, and permit. FIELD_STRUCT_DESC: Submarine cable from the bed of the Sacramento River through and along the natural west levee of the river at a depth of 2 feet to a point in the town of Broderick, opposite a point approximately 434 feet downstream from the "I" Street Bridge, Sacramento. (Permit No. 881, 1942) FS Date: 3/6/2013					

Photo 1 of 2 : UCIP\_FA\_2016\_41417\_72642.jpg



PacBell manhole located on waterward side.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2016**

**City of Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/15/2016 09/15/2016	Oleg Yakimov

LM Start	0.42	Rating **	M	Issue No.	831 (cont)	
LM End	0.42	Issue Type +	En	Location *	N/A	
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.584767 °		38.584767 °
				-121.505700 °		-121.505700 °
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:41417						
DS_ID:24890						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Indicator Found						
UCIP Comments: Need additional information about crossing--depth of pipe, owner, status, and permit.						
FIELD_STRUCT_DESC: Submarine cable from the bed of the Sacramento River through and along the natural west levee of the river at a depth of 2 feet to a point in the town of Broderick, opposite a point approximately 434 feet downstream from the "I" Street Bridge, Sacramento. (Permit No. 881, 1942)						
FS Date: 3/6/2013						

Photo 2 of 2 : UCIP\_FA\_2016\_41417\_72641.jpg



Manholes located along levee--waterward side.

LM Start	0.49	Rating **	M	Issue No.	839	
LM End	0.49	Issue Type +	En	Location *	N/A	
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.583853 °	38.583853 °	
				-121.506061 °	-121.506061 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:38715						
DS_ID:24893						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Indicator Found						
UCIP Comments:						
FIELD_STRUCT_DESC: unknown						
FS Date: 3/6/2013						

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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# City of Sacramento

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2016**

**City of Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/15/2016 09/15/2016	Oleg Yakimov

LM Start	0.57	Rating **	M	Issue No.	865
LM End	0.57	Issue Type +	En	Location *	N/A
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.582689 °	38.582689 °
				-121.506419 °	-121.506419 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:41260 DS_ID:24896 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Unable to determine if crossing is active--need to contact owner to determine status and additional details of crossing. FIELD_STRUCT_DESC: Conduit group through floodwall. FS Date: 3/6/2013					

Photo 1 of 1 : UCIP\_FA\_2016\_41260\_72743.jpg



Conduit through floodwall.

LM Start	0.59	Rating **	M	Issue No.	866
LM End	0.59	Issue Type +	En	Location *	N/A
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.582482 °	38.582482 °
				-121.506346 °	-121.506346 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:41263					
DS_ID:24897					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					
UCIP Comments: Need to contact owner. Need to determine permit issued for crossing.					
FIELD_STRUCT_DESC: 8 -10 inch pipe through levee.					
FS Date: 3/6/2013					

Photo 1 of 1 : UCIP\_FA\_2016\_41263\_72744.jpg



Pipe through floodwall.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2016**

**City of Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/15/2016 09/15/2016	Oleg Yakimov

LM Start	0.61	Rating **	M	Issue No.	870
LM End	0.61	Issue Type +	En	Location *	N/A
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.582167 °	38.582167 °
				-121.506537 °	-121.506537 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:41438 DS_ID:24898 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Unable to determine if crossing is active--need to contact owner to determine status and additional details of crossing. FIELD_STRUCT_DESC: Sewer line through levee. FS Date: 3/6/2013					

Photo 1 of 1 : UCIP\_FA\_2016\_41438\_72745.jpg



View of crossing visible from waterward side looking at floodwall.

LM Start	0.64	Rating **	M	Issue No.	834
LM End	0.64	Issue Type +	En	Location *	N/A
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.581695 °	38.581695 °
				-121.506635 °	-121.506635 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:41420 DS_ID:24899 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need to contact owner to determine permit issued for crossing. FIELD_STRUCT_DESC: Group of conduits. Start 38.58169451, -121.5066352 End 38.581555, -121.506688 FS Date: 3/6/2013					

Photo 1 of 1 : UCIP\_FA\_2016\_41420\_72746.jpg



View of conduits through floodwall visible from waterward side.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2016**

**City of Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/15/2016 09/15/2016	Oleg Yakimov

LM Start	0.67	Rating **	M	Issue No.	867
LM End	0.67	Issue Type +	En	Location *	N/A
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.581332 °	38.581332 °
				-121.506853 °	-121.506853 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:41266 DS_ID:24900 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Unable to confirm if crossing goes through levee. Need to contact owner to determine alignment for crossing. FIELD_STRUCT_DESC: Fire hydrant visible on levee crown located in downtown Sacramento. FS Date: 3/6/2013					

Photo 1 of 1 : UCIP\_FA\_2016\_41266\_72747.jpg



Fire hydrant visible on levee crown.

LM Start	0.68	Rating **	M	Issue No.	840
LM End	0.68	Issue Type +	En	Location *	N/A
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.581197 °	38.581197 °
				-121.506819 °	-121.506819 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:38722					
DS_ID:24901					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					
UCIP Comments:					
FIELD_STRUCT_DESC: water line penetration					
FS Date: 3/6/2013					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2016**

**City of Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/15/2016 09/15/2016	Oleg Yakimov

LM Start	0.68	Rating **	M	Issue No.	841
LM End	0.68	Issue Type +	En	Location *	N/A
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.581131 °	38.581131 °
				-121.506819 °	-121.506819 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:38723					
DS_ID:24902					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					
UCIP Comments:					
FIELD_STRUCT_DESC: line penetration					
FS Date: 3/6/2013					

No Photos

LM Start	0.71	Rating **	M	Issue No.	852
LM End	0.71	Issue Type +	En	Location *	N/A
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.580743 °	38.580743 °
				-121.506986 °	-121.506986 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:38766 DS_ID:24903 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need to contact owner to determine type of crossing and status of crossing. FIELD_STRUCT_DESC: Crossing visible through floodwall visible on waterward side. FS Date: 3/6/2013					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2016**

**City of Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/15/2016 09/15/2016	Oleg Yakimov

LM Start	0.73	Rating **	M	Issue No.	842
LM End	0.73	Issue Type +	En	Location *	N/A
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.580472 °	38.580472 °
				-121.507147 °	-121.507147 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:38726					
DS_ID:24904					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					
UCIP Comments:					
FIELD_STRUCT_DESC: electrical conduit box					
FS Date: 3/6/2013					

No Photos

LM Start	0.74	Rating **	M	Issue No.	835
LM End	0.74	Issue Type +	En	Location *	N/A
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.580413 °	38.580413 °
				-121.507166 °	-121.507166 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:41421 DS_ID:24905 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need to contact owner to determine status and permit number for crossing. FIELD_STRUCT_DESC: Corrugated metal drainage pipe through floodwall visible on waterward side. FS Date: 3/6/2013					

Photo 1 of 2 : UCIP\_FA\_2016\_41421\_72750.jpg



View of waterward side.

* Location LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2016**

**City of Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/15/2016 09/15/2016	Oleg Yakimov

LM Start	0.74	Rating **	M	Issue No.	835 (cont)
LM End	0.74	Issue Type +	En	Location *	N/A
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.580413 °	38.580413 °
				-121.507166 °	-121.507166 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:41421 DS_ID:24905 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need to contact owner to determine status and permit number for crossing. FIELD_STRUCT_DESC: Corrugated metal drainage pipe through floodwall visible on waterward side. FS Date: 3/6/2013					

Photo 2 of 2 : UCIP\_FA\_2016\_41421\_72749.jpg



Pipe visible on waterward side.

LM Start	0.79	Rating **	M	Issue No.	843
LM End	0.79	Issue Type +	En	Location *	N/A
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.579661 °	38.579661 °
				-121.507480 °	-121.507480 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:38728					
DS_ID:24906					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					
UCIP Comments:					
FIELD_STRUCT_DESC: 3 inch conduit					
FS Date: 3/6/2013					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2016**

**City of Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/15/2016 09/15/2016	Oleg Yakimov

LM Start	0.79	Rating **	M	Issue No.	844
LM End	0.79	Issue Type +	En	Location *	N/A
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.579598 °	38.579598 °
				-121.507368 °	-121.507368 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:38729					
DS_ID:24907					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					
UCIP Comments:					
FIELD_STRUCT_DESC: backflow line					
FS Date: 3/6/2013					

No Photos

LM Start	0.81	Rating **	M	Issue No.	860
LM End	0.81	Issue Type +	En	Location *	N/A
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.579353°	38.579353°
				-121.507560°	-121.507560°
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:41422 DS_ID:24908 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need to contact owner to determine status, purpose for lines, and permit number. FIELD_STRUCT_DESC: Cluster of conduits through floodwall visible from waterward side. FS Date: 3/6/2013					

Photo 1 of 2 : UCIP\_FA\_2016\_41422\_72754.jpg



View of levee just downstream from crossings.

* Location LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2016**

**City of Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/15/2016 09/15/2016	Oleg Yakimov

LM Start	0.81	Rating **	M	Issue No.	860 (cont)
LM End	0.81	Issue Type +	En	Location *	N/A
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.579353 °	38.579353 °
				-121.507560 °	-121.507560 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:41422 DS_ID:24908 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need to contact owner to determine status, purpose for lines, and permit number. FIELD_STRUCT_DESC: Cluster of conduits through floodwall visible from waterward side. FS Date: 3/6/2013					

Photo 2 of 2 : UCIP\_FA\_2016\_41422\_72753.jpg



Conduits through floodwayll.

LM Start	1.16	Rating **	M	Issue No.	13
LM End	1.69	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.574780 °	38.568757 °
				-121.510191 °	-121.515930 °
DWR ID	DWR_NA0005_01_f_2012_13				
Comment Code					
T2 : Thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

Photo 1 of 2 : FA\_2016\_NA0005\_251\_13\_20160913\_00010.jpg



Monitor trees and woody vegetation along the rivers edge looking downstream. Fall 2015.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2016**

**City of Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/15/2016 09/15/2016	Oleg Yakimov

LM Start	1.16	Rating **	M	Issue No.	13 (cont)	
LM End	1.69	Issue Type +	Ma	Location *	WS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Trim / Thin Trees			38.574780 °		38.568757 °
				-121.510191 °		-121.515930 °
DWR ID	DWR_NA0005_01_f_2012_13					
Comment Code						
T2 : Thin trees to allow visibility of the ground and room to flood fight.						
Inspector Comment						

Photo 2 of 2 : FA\_2016\_NA0005\_251\_13\_20160913\_00011.jpg



Monitor the trees and woody vegetation along the rivers edge. Fall 2013

LM Start	1.20	Rating **	C	Issue No.	825
LM End	1.20	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.574347 °	38.574347 °
				-121.510569 °	-121.510569 °
DWR ID	DWR_NA0005_01_s_2015_825				
Comment Code					
EQ : Equipment					
Inspector Comment					
There are two engines on the levee crown at this location.					

No Photos

\* Location  
LS : Land Side    N/A : Not Applicable  
WS : Water Side  
CR : Crown

\*\* Rating  
A : Acceptable                      N : Not Inspected/Rated  
M : Minimally Acceptable        C : Corrected  
U : Unacceptable                  A/W : Acceptable but Monitor & Maintain

+ Issue Type  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2016**

**City of Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/15/2016 09/15/2016	Oleg Yakimov

LM Start	1.24	Rating **	M	Issue No.	861
LM End	1.24	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.573901 °	38.573901 °
				-121.511025 °	-121.511025 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:41425 DS_ID:21565 EP_NO: 5140 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need to determine more details pertaining to crossing, coordinate with City of Sacramento. Is crossing active? FIELD_STRUCT_DESC: 30-inch diameter condensing water pipe sleeved through 40-inch diameter pipe 5 feet below the crown, annular space grouted. Anchor blocks on both ends, concrete pipes under pads over pipe under railroad. Cap on the waterward end. A 1.5 foot thick by 8 foot high by 8 foot wide reinforced concrete headwall supported on a 2 foot thick by 5.5 foot wide by 12 foot long concrete footing. An 8 foot high by 64 foot wide apron constructed around the waterward end of the pipe at the waterward shoulder of the levee. (Permit No. 5140, State of California-Department of General Services-1967) 18-inch temporary diameter welded steel pipe sleeved through existing 30 inch used to convey water from construction site. (Permit No. 5745-1967) FS Date: 3/6/2013					

Photo 1 of 2 : UCIP\_FA\_2016\_41425\_34145.jpg



View of railroad and bike path located on levee crown--wide levee.

LM Start	<b>1.24</b>	Rating **	M	Issue No.	<b>861 (cont)</b>
LM End	<b>1.24</b>	Issue Type +	En	Location *	LS

Photo 2 of 2 : UCIP\_FA\_2016\_41425\_34144.jpg



Headwall with 1 crossing capped off.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2016**

**City of Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/15/2016 09/15/2016	Oleg Yakimov

LM Start	1.25	Rating **	M	Issue No.	75
LM End	1.25	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.573704 °	38.573704 °
				-121.511219 °	-121.511219 °
DWR ID	DWR_NA0005_01_f_2016_75				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : FA\_2016\_NA0005\_251\_75\_20160915\_00115.jpg



View of rodent holes on waterward side of the levee. Fall 2016 inspection.

LM Start	1.29	Rating **	M	Issue No.	76
LM End	1.29	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.573240 °	38.573240 °
				-121.511707 °	-121.511707 °
DWR ID	DWR_NA0005_01_f_2016_76				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : FA\_2016\_NA0005\_251\_76\_20160915\_00116.jpg



Rodent hole backfilled with natural soil on waterward side of the levee. Fall 2016 inspection.

\* Location  
LS : Land Side    N/A : Not Applicable  
WS : Water Side  
CR : Crown

\*\* Rating  
A : Acceptable                      N : Not Inspected/Rated  
M : Minimally Acceptable        C : Corrected  
U : Unacceptable                  A/W : Acceptable but Monitor & Maintain

+ Issue Type  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

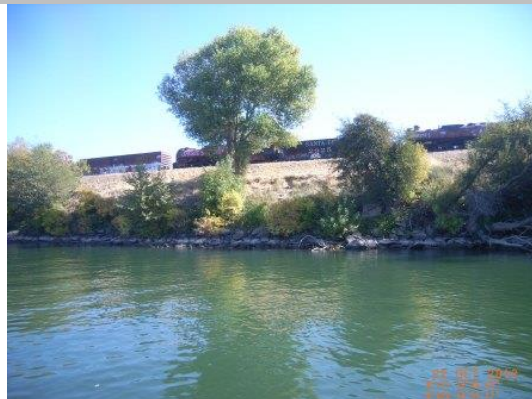
**Levee Inspection Report By Mile - Fall 2016**

**City of Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/15/2016 09/15/2016	Oleg Yakimov

LM Start	1.31	Rating **	M	Issue No.	1
LM End	1.39	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.573169 °	38.572277 °
				-121.511998 °	-121.513063 °
DWR ID	DWR_NA0005_01_s_2016_1				
Comment Code					
Inspector Comment					
2008 - Oversized levee, should be repaired under maintenance. 2009 - Shallow slumps at the mid bank. 2010 - Some minor erosion at the toe, likely from wave wash. Some new shallow slumps. 2011 - One new tree has fallen. 2013 - Erosion continues on the slope surface, site extended upstream. 2015: No observed changes. [2015 Site ID: SAC_58-5_L]					

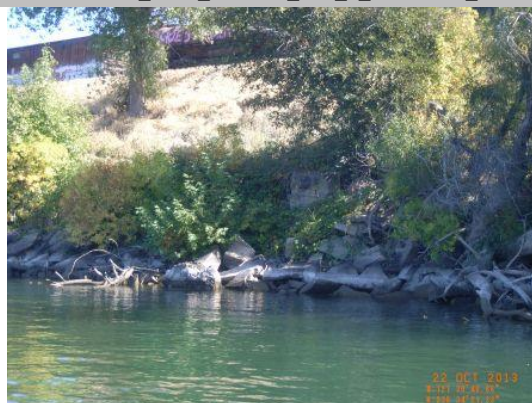
Photo 1 of 2 : FA\_2016\_NA0005\_251\_1\_20160913\_00001.jpg



USACE 2013 Photo #1

LM Start	<b>1.31</b>	Rating **	M	Issue No.	<b>1 (cont)</b>
LM End	<b>1.39</b>	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : FA\_2016\_NA0005\_251\_1\_20160913\_00002.jpg



USACE 2013 Photo #2

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2016**

**City of Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/15/2016 09/15/2016	Oleg Yakimov

LM Start	1.41	Rating **	M	Issue No.	883
LM End	1.41	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.572019 °	38.572019 °
				-121.513082 °	-121.513082 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:49767 DS_ID:21580 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the waterward and landward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. FIELD_STRUCT_DESC: 1 of 3: 6-inch steel drainage pipe through the levee, 8 feet below the crown. Gate valves located on the waterside (WS) slope. Manhole located on landside (LS) berm. FS Date: 3/6/2013					

LM Start	<b>1.41</b>	Rating **	M	Issue No.	<b>883 (cont)</b>
LM End	<b>1.41</b>	Issue Type +	En	Location *	WS

Photo 1 of 2 : UCIP\_FA\_2016\_49767\_34067.jpg



View of landward side where crossing should be running through.

Photo 2 of 2 : UCIP\_FA\_2016\_49767\_34066.jpg



View of pipe and gate valve located on waterward slope.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2016**

**City of Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/15/2016 09/15/2016	Oleg Yakimov

LM Start	1.41	Rating **	M	Issue No.	887
LM End	1.41	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.572018 °	38.572018 °
				-121.513081 °	-121.513081 °
DWR ID					

**Comment Code**

**Inspector Comment**

FS\_ID:49957  
DS\_ID:21969  
EP\_NO: N/A  
Repair Type: Non-Urgent  
Crossing Status: Found  
UCIP Comments: 07/19/2016 Crossing has been re-classified from Urgent to Non-Urgent leak has been repaired. Need to coordinate with owner to determine alignment of crossing and depth through the levee. (DWR UCIP - omagana)10/17/2014 Subsidence visible on landward side--DWR inspector was notified during field visit. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the waterward and landward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. (DWR UCIP - omagana)  
FIELD\_STRUCT\_DESC: 2 of 3: 72-inch concrete sewer line through the levee at low elevation. Slide gate inside concrete well located on the waterside (WS) slope. Manhole located on landside (LS) berm. Multiple manholes are located on LS berm. [Additional Reference(s): DWR Levee Log, 1993]  
FS Date: 7/19/2016

LM Start	<b>1.41</b>	Rating **	M	Issue No.	<b>887 (cont)</b>
LM End	<b>1.41</b>	Issue Type +	En	Location *	WS

Photo 1 of 2 : UCIP\_FA\_2016\_49957\_34071.jpg



View of 6 inch pipe and shut-off valve located on waterward slope.

Photo 2 of 2 : UCIP\_FA\_2016\_49957\_34072.jpg



View of landward side--tall grass along slope limit inspection.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	<b>N : Not Inspected/Rated</b> C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2016**

**City of Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/15/2016 09/15/2016	Oleg Yakimov

LM Start	1.41	Rating **	M	Issue No.	882
LM End	1.41	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.571976 °	38.571976 °
				-121.513060 °	-121.513060 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:49766 DS_ID:21968 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Not Found UCIP Comments: Need to coordinate with City of Sacramento to determine if crossing is active. Urgent was issued for this crossing due to the subsidence evident on landward berm. FIELD_STRUCT_DESC: 3 of 3: 8-inch cast iron pipe through levee, 8 feet below the crown. FS Date: 3/6/2013					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2016**

**City of Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/15/2016 09/15/2016	Oleg Yakimov

LM Start	1.43	Rating **	M	Issue No.	884
LM End	1.43	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.571790 °	38.571790 °
				-121.513323 °	-121.513323 °
DWR ID					

**Comment Code**

**Inspector Comment**

FS\_ID:49778

DS\_ID:22483

EP\_NO: 12196

Repair Type: Non-Urgent

Crossing Status: Found

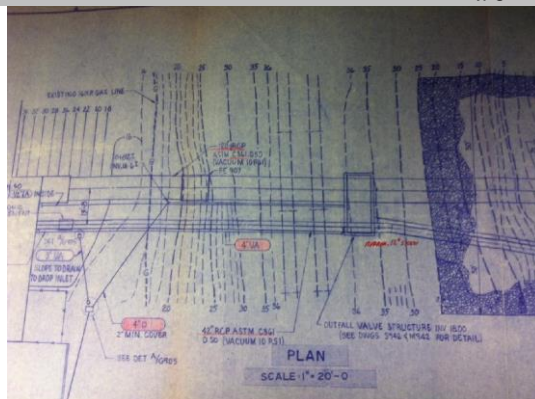
UCIP Comments: Vault located on levee crown (bike path) and siphon breaker located on waterward shoulder. Coordinate with City of Sacramento to determine the condition of this crossing and last inspection.

FIELD\_STRUCT\_DESC: [Pioneer Outfall] 1 of 2: 42-inch reinforced concrete water pipe through levee, approximately 10 feet below crown. Crossing is a wash water intake pipe used to clean out the larger pipe. Line extends approximately 145 feet from the intake to the outfall valve structure located on the waterside (WS) shoulder of the levee. Pipe is skewed approximately 12 degrees upstream. Water Intake structure has a screen located on the WS intake. WS slope is armored by rock slope protection. Rock slope protection perimeter exists at river intake. Stairway is located on the landside (LS). (42-inch pipe was installed under Permit No. 12196, 1981 - Sacramento Regional County Sanitation District; pipe was relined under Permit No. 16611, 1996 - City of Sacramento, Department of Utilities)

FS Date: 3/6/2013

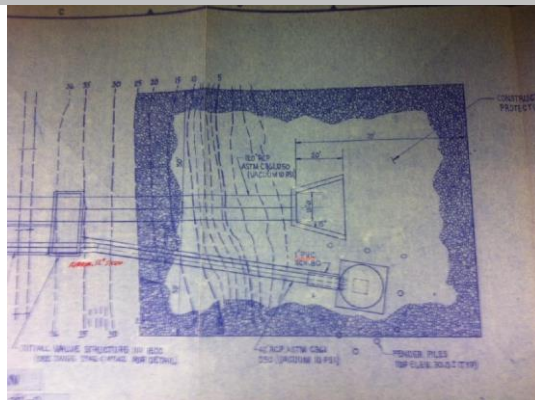
LM Start	<b>1.43</b>	Rating **	M	Issue No.	<b>884 (cont)</b>
LM End	<b>1.43</b>	Issue Type +	En	Location *	WS

Photo 1 of 2 : UCIP\_FA\_2016\_49778\_34024.jpg



DWG showing 42-inch and 120-inch pipes through levee and connection to outfall valve structure.

Photo 2 of 2 : UCIP\_FA\_2016\_49778\_34027.jpg



Rip rap protection around outfall structure for 42-inch and 120-inch pipes.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
N/A : Not Applicable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2016**

**City of Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/15/2016 09/15/2016	Oleg Yakimov

LM Start	1.43	Rating **	M	Issue No.	888
LM End	1.43	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.571776 °	38.571776 °
				-121.513364 °	-121.513364 °
DWR ID					

**Comment Code**

**Inspector Comment**

FS\_ID:49958  
DS\_ID:21569  
EP\_NO: 12196  
Repair Type: Non-Urgent  
Crossing Status: Found  
UCIP Comments: 7/19/2016 Leak was repaired. Leak was caused by failed gasket. Sink hole present on LS was pressure grouted. (DWR UCIP - omagana)10/17/2014 Check with City of Sacramento to determine last inspection and condition of crossing. Vegetation on waterward and landward slope makes it difficult to inspect and identify any potential leaks visible from surface. (DWR UCIP - omagana)  
FIELD\_STRUCT\_DESC: [Pioneer Outfall] 2 of 2: 120-inch reinforced concrete outfall pipe through the levee, 3 feet below the crown. Pipe extends approximately 117 feet from the discharge point to a reinforced concrete outfall valve structure located on the waterside (WS) shoulder. WS slope is armored by rock slope protection. Rock slope protection perimeter exists at outlet. (120-inch pipe installed under Permit No. 12196, 1977 - Sacramento Regional County Sanitation District)  
[Additional Reference(s): DWR Levee Log, 1993]  
FS Date: 7/19/2016

LM Start	<b>1.43</b>	Rating **	M	Issue No.	<b>888 (cont)</b>
LM End	<b>1.43</b>	Issue Type +	En	Location *	WS

Photo 1 of 2 : UCIP\_FA\_2016\_49958\_34051.jpg



View of levee crown--outlet valve structure located along bike path and siphon breaker on waterward shoulder.

Photo 2 of 2 : UCIP\_FA\_2016\_49958\_34050.jpg



View of waterward side--outlet submerged.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2016**

**City of Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/15/2016 09/15/2016	Oleg Yakimov

LM Start	1.59	Rating **	M	Issue No.	845
LM End	1.59	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.570116 °	38.570116 °
				-121.515352 °	-121.515352 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:38733 DS_ID:21610 EP_NO: 6627 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: FIELD_STRUCT_DESC: 34-inch steel discharge pipe through levee approximately 3 feet below crown. (Permit No. 6627, C. K. Moseman Construction Co.) FS Date: 3/6/2013					

No Photos

LM Start	1.59	Rating **	M	Issue No.	827
LM End	1.59	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.570075 °	38.570075 °
				-121.515402 °	-121.515402 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:32883 DS_ID:21558 EP_NO: 2371 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to coordinate with PG&E to clarify all appurtenances associated with crossing. Need maintenance records for this crossing (last inspection). FIELD_STRUCT_DESC: 12-inch pipe through the levee, 5.0 feet below the crown. Gas pipeline sign on the waterward slope and rectangular concrete box on the waterward berm. (Permit No. 2371-PG&E, 1959). FS Date: 3/6/2013					

Photo 1 of 2 : UCIP\_FA\_2016\_32883\_59502.jpg



PG&amp;E warning gas line crossing--waterward side view.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2016**

**City of Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/15/2016 09/15/2016	Oleg Yakimov

LM Start	1.59	Rating **	M	Issue No.	827 (cont)	
LM End	1.59	Issue Type +	En	Location *	WS	
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.570075 °	38.570075 °	
				-121.515402 °	-121.515402 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:32883						
DS_ID:21558						
EP_NO: 2371						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: Need to coordinate with PG&E to clarify all appurtenances associated with crossing. Need maintenance records for this crossing (last inspection).						
FIELD_STRUCT_DESC: 12-inch pipe through the levee, 5.0 feet below the crown. Gas pipeline sign on the waterward slope and rectangular concrete box on the waterward berm. (Permit No. 2371-PG&E, 1959).						
FS Date: 3/6/2013						

Photo 2 of 2 : UCIP\_FA\_2016\_32883\_59501.jpg



View of waterward slope--tall grass limits inspection.

LM Start	1.59	Rating **	M	Issue No.	872
LM End	1.59	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.570075 °	38.570075 °
				-121.515402 °	-121.515402 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:41288					
DS_ID:24909					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					
UCIP Comments: Need to contact owner to determine status.					
FIELD_STRUCT_DESC: Gasline through levee.					
FS Date: 3/6/2013					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2016**

**City of Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/15/2016 09/15/2016	Oleg Yakimov

LM Start	1.61	Rating **	M	Issue No.	875
LM End	1.61	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.569806 °	38.569806 °
				-121.515546 °	-121.515546 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:41442 DS_ID:21617 EP_NO: 14732 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to obtain maintenance records for pipe line-- Inspector was able to obtain inspection status from PG&E. FIELD_STRUCT_DESC: 24 inch diameter natural gas pipeline under the levee and channel at a depth of 25 feet minimum. (Permit No. 14732, PG&E-1988) FS Date: 3/7/2013					

LM Start	<b>1.61</b>	Rating **	M	Issue No.	<b>875 (cont)</b>
LM End	<b>1.61</b>	Issue Type +	En	Location *	WS

Photo 1 of 2 : UCIP\_FA\_2016\_41442\_59560.jpg



View of crossing approximately 110 feet downstream--stand pipes located on landward shoulder.

Photo 2 of 2 : UCIP\_FA\_2016\_41442\_59559.jpg



View of crossing approximately 110 feet downstream--large sign located on waterward slope.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2016**

**City of Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/15/2016 09/15/2016	Oleg Yakimov

LM Start	1.70	Rating **	M	Issue No.	876
LM End	1.70	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.568544 °	38.568544 °
				-121.515993 °	-121.515993 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:41444 DS_ID:21615 EP_NO: 17185 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Some buildings, structures, and equipment remain -- monitoring wells still present within acre footprint. Need to contact owner to determine status of monitoring site. FIELD_STRUCT_DESC: Removed oil tanks, holding racks, underground pipes, buildings and associated concrete slabs, footings, and foundations from the left bank of the Sacramento River. Demo site located on waterward berm from LM 1.68 (38.56893227, -121.5158786) to LM 1.74 (38.568074, -121.5160597). Demolition acceptance form signed November 2000. Exceptions or remaining features are present: 1. product piping and conduits through levee on the east side of site, abandoned in place, 2. existing electrical house located at the southeast corner of the property, 3. active conduits coming from existing electrical house and proceeding west approximately 30 feet, then south under Broadway to Tosco's active tanks located south of Broadway, and 4. 16 wooden piles 10 feet below ground surface in the middle of the site (former Tank #5009 area) FS Date: 3/7/2013					

Photo 1 of 1 : UCIP\_FA\_2016\_41444\_59572.jpg



Concrete structure still remain in lot on waterward side.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2016**

**City of Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/15/2016 09/15/2016	Oleg Yakimov

LM Start	1.70	Rating **	M	Issue No.	871
LM End	1.70	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.568491 °	38.568491 °
				-121.515977 °	-121.515977 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:41282 DS_ID:21604 EP_NO: 18009 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Project has reached 5 years is this project still in use? Permit issued for abandonment of treatment? Assumed installation date of 7/1/2005 per inspector's notes indicating work was completed in the summer of 2005. FIELD_STRUCT_DESC: Ozone Injection and Soil Vapor Extraction Treatment System for Former Tosco Bulk Fuel Terminal #3493. To authorize and retain (for approximately 5 years) twenty-three 2 to 4-inch-diameter extraction wells and thirty-six 2-inch-diameter ozone wells; to excavate approximately 2,050 linear-feet of trench and install required PVC piping and electrical conduits from the wells to main and sub-compounds with necessary equipment to complete an ozone injection and soil vapor extraction treatment system on the overflow area of the left (east) bank levee of the Sacramento River. FS Date: 3/7/2013					

Photo 1 of 2 : UCIP\_FA\_2016\_41282\_59575.jpg



Structures present inside lot--site of Ozone Injection and Soil Vapor Extration System for the former Tosco Bulk Fuel.

LM Start	<b>1.70</b>	Rating **	M	Issue No.	<b>871 (cont)</b>
LM End	<b>1.70</b>	Issue Type +	En	Location *	WS

Photo 2 of 2 : UCIP\_FA\_2016\_41282\_59574.jpg



Several vapor wells present inside fenced area.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2016**

**City of Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/15/2016 09/15/2016	Oleg Yakimov

LM Start	1.74	Rating **	M	Issue No.	846
LM End	1.74	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.568026 °	38.568026 °
				-121.516070 °	-121.516070 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:38735 DS_ID:24910 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: FIELD_STRUCT_DESC: 3 inch gas main through the east levee of the Sacramento River approximately 3 feet below crown. (Permit No. 1419, 1949) FS Date: 3/6/2013					

No Photos

LM Start	1.74	Rating **	M	Issue No.	847
LM End	1.74	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.567980 °	38.567980 °
				-121.516088 °	-121.516088 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:38736 DS_ID:24911 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: FIELD_STRUCT_DESC: 12 inch pipe through levee. Records provided by Sacramento County. Installed 1935. FS Date: 3/6/2013					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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# City of Sacramento

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2016**

**City of Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/15/2016 09/15/2016	Oleg Yakimov

LM Start	1.75	Rating **	M	Issue No.	879
LM End	1.75	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.567779 °	38.567779 °
				-121.516006 °	-121.516006 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:41452 DS_ID:21598 EP_NO: 8816 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: High rodent on landward side. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) through the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. FIELD_STRUCT_DESC: 1 of 4: 10 inch line (regular) encased in 16 inch casing approximately 4 feet below crown. Vent pipes installed at each end of the conductor pipe. (Permit No. 8816, Phillips Petroleum Company-1974) FS Date: 3/7/2013					

LM Start	<b>1.75</b>	Rating **	M	Issue No.	<b>879 (cont)</b>
LM End	<b>1.75</b>	Issue Type +	En	Location *	WS

Photo 1 of 2 : UCIP\_FA\_2016\_41452\_59525.jpg



View of crossings from levee shoulder.

Photo 2 of 2 : UCIP\_FA\_2016\_41452\_59524.jpg



Dense burrow activity along landward slope.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2016**

**City of Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/15/2016 09/15/2016	Oleg Yakimov

LM Start	1.76	Rating **	M	Issue No.	877
LM End	1.76	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.567772 °	38.567772 °
				-121.516006 °	-121.516006 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:41448 DS_ID:22383 EP_NO: 8816 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: High rodent on landward side. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) through the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. FIELD_STRUCT_DESC: 2 of 4: 10 inch line (premium) encased in 16 inch casing approximately 4 feet below crown. Vent pipes installed at each end of the conductor pipe. (Permit No. 8816, Phillips Petroleum Company-1974) FS Date: 3/7/2013					

LM Start	<b>1.76</b>	Rating **	M	Issue No.	<b>877 (cont)</b>
LM End	<b>1.76</b>	Issue Type +	En	Location *	WS

Photo 1 of 2 : UCIP\_FA\_2016\_41448\_59511.jpg



View of levee crown looking upstream--rail road traffic signal box located on right side.

Photo 2 of 2 : UCIP\_FA\_2016\_41448\_59510.jpg



Overview of 4-10 inch lines through levee--landward side.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2016**

**City of Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/15/2016 09/15/2016	Oleg Yakimov

LM Start	1.76	Rating **	M	Issue No.	878
LM End	1.76	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.567765 °	38.567765 °
				-121.516007 °	-121.516007 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:41449 DS_ID:22384 EP_NO: 8816 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: High rodent activity on landward side. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) through the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. FIELD_STRUCT_DESC: 3 of 4: 10 inch line (no lead) encased in 16 inch casing approximately 4 feet below crown. Vent pipes installed at each end of the conductor pipe. (Permit No. 8816, Phillips Petroleum Company-1974) FS Date: 3/7/2013					

LM Start	<b>1.76</b>	Rating **	M	Issue No.	<b>878 (cont)</b>
LM End	<b>1.76</b>	Issue Type +	En	Location *	WS

Photo 1 of 2 : UCIP\_FA\_2016\_41449\_59518.jpg



View of 4-10 inch pipes through levee located on landward side.

Photo 2 of 2 : UCIP\_FA\_2016\_41449\_59517.jpg



View of waterward side--markers visible along chain link fence.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2016**

**City of Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/15/2016 09/15/2016	Oleg Yakimov

LM Start	1.76	Rating **	M	Issue No.	881
LM End	1.76	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.567759 °	38.567759 °
				-121.516007 °	-121.516007 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:48322					
DS_ID:22385					
EP_NO: 8816					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: *5th pipe present (mystery pipe) 38.567748966, -121.516011521 not listed in permit* High rodent on landward side. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) through the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances.					
FIELD_STRUCT_DESC: 4 of 4: 10 inch line (diesel) encased in 16 inch casing approximately 4 feet below crown. Vent pipes installed at each end of the conductor pipe. (Permit No. 8816, Phillips Petroleum Company-1974)					
FS Date: 3/7/2013					

LM Start	<b>1.76</b>	Rating **	M	Issue No.	<b>881 (cont)</b>
LM End	<b>1.76</b>	Issue Type +	En	Location *	WS

Photo 1 of 2 : UCIP\_FA\_2016\_48322\_59521.jpg



View multiple crossings visible on landward side.

Photo 2 of 2 : UCIP\_FA\_2016\_48322\_59520.jpg



Dense burrow activity along levee slope.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2016**

**City of Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/15/2016 09/15/2016	Oleg Yakimov

LM Start	1.78	Rating **	M	Issue No.	854
LM End	1.78	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.567352 °	38.567352 °
				-121.516102 °	-121.516102 °
DWR ID					

**Comment Code**

**Inspector Comment**

FS\_ID:41457  
DS\_ID:21576  
EP\_NO: 4914  
Repair Type: Non-Urgent  
Crossing Status: Indicator Found  
UCIP Comments: Need records confirming crossing is free of leaks.  
FIELD\_STRUCT\_DESC: 8-inch pipe through the levee, 5.0 feet below the crown and along the waterward side to Levee Mile 2.41, for river crossing under the channel. (Permit No. 4914, A, B, C-Standard Oil Co.)  
FS Date: 3/7/2013

LM Start	<b>1.78</b>	Rating **	M	Issue No.	<b>854 (cont)</b>
LM End	<b>1.78</b>	Issue Type +	En	Location *	WS

Photo 1 of 2 : UCIP\_FA\_2016\_41457\_59529.jpg



View of waterward side--markers visible through levee.

Photo 2 of 2 : UCIP\_FA\_2016\_41457\_59528.jpg



Contact information before excavation or in case of emergency.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2016**

**City of Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/15/2016 09/15/2016	Oleg Yakimov

LM Start	1.94	Rating **	M	Issue No.	874
LM End	1.94	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.565113 °	38.565113 °
				-121.516291 °	-121.516291 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:41292 DS_ID:24913 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: unable to confirm if crossing is still active--multiple manholes present near sump pump need to determine additional details of lines connecting to sump station 3. FIELD_STRUCT_DESC: 8 inch watermain pipe through levee and line goes up 730 feet and down 900 feet. FS Date: 3/6/2013					

No Photos

LM Start	1.95	Rating **	M	Issue No.	7
LM End	2.34	Issue Type +	En	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.564900 °	38.559460 °
				-121.516253 °	-121.515085 °
DWR ID	DWR_NA0005_01_f_2015_7				
Comment Code					
EQ : Equipment					
Inspector Comment					
Railroad tracks run on crown of levee, paved roadway runs along toe on waterside. This is Miller Park Marina area.					

Photo 1 of 4 : FA\_2016\_NA0005\_251\_7\_20160913\_00004.jpg



The railroad cars remain on the levee crown. Spring 2013

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2016**

**City of Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/15/2016 09/15/2016	Oleg Yakimov

LM Start	1.95	Rating **	M	Issue No.	7 (cont)	
LM End	2.34	Issue Type +	En	Location *	CR	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start	End	
Item	Encroachments			38.564900 °	38.559460 °	
				-121.516253 °	-121.515085 °	
DWR ID	DWR_NA0005_01_f_2015_7					
Comment Code						
EQ : Equipment						
Inspector Comment						
Railroad tracks run on crown of levee, paved roadway runs along toe on waterside. This is Miller Park Marina area.						

LM Start	<b>1.95</b>	Rating **	M	Issue No.	<b>7 (cont)</b>
LM End	<b>2.34</b>	Issue Type +	En	Location *	CR

Photo 2 of 4 : FA\_2016\_NA0005\_251\_7\_20160913\_00005.jpg



Railroad tracks are on levee crown. The street is to the boat ramp.

Photo 3 of 4 : FA\_2016\_NA0005\_251\_7\_20160913\_00006.jpg



View of the railroad tracks on the crown of the levee looking downstream at levee mile 1.95. Spring 2016.

LM Start	<b>1.95</b>	Rating **	M	Issue No.	<b>7 (cont)</b>
LM End	<b>2.34</b>	Issue Type +	En	Location *	CR

Photo 4 of 4 : FA\_2016\_NA0005\_251\_7\_20160913\_00007.jpg



View of the railroad tracks at levee mile 2.34 on the crown of the levee looking upstream. Spring 2016.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2016**

**City of Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/15/2016 09/15/2016	Oleg Yakimov

LM Start	1.96	Rating **	M	Issue No.	863
LM End	1.96	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.564843 °	38.564843 °
				-121.516246 °	-121.516246 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:41430					
DS_ID:21613					
EP_NO: 7434					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					
UCIP Comments: 2 manholes and sump pump present. Need to update description to confirm if this permit is for Sump-3.					
FIELD_STRUCT_DESC: 4 inch sanitary sewer force main 3/8" steel with 1/8" mortar liner and ashalt coated on the outside. Line runs along the center of the levee for approximately 1700 feet. (Permit No. 7434, City of Sacramento-1972)					
FS Date: 3/7/2013					

LM Start	<b>1.96</b>	Rating **	M	Issue No.	<b>863 (cont)</b>
LM End	<b>1.96</b>	Issue Type +	En	Location *	CR

Photo 1 of 2 : UCIP\_FA\_2016\_41430\_72757.jpg



Manhole present on roadway.

Photo 2 of 2 : UCIP\_FA\_2016\_41430\_72756.jpg



Sump pump station 3.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2016**

**City of Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/15/2016 09/15/2016	Oleg Yakimov

LM Start	1.97	Rating **	M	Issue No.	873
LM End	1.97	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.564761 °	38.564761 °
				-121.516133 °	-121.516133 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:41291					
DS_ID:24917					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					
UCIP Comments: Need to contact owner to determine additional details--					
permit, alignment, depth, and last inspection.					
FIELD_STRUCT_DESC: Gas line through levee					
FS Date: 3/6/2013					

Photo 1 of 1 : UCIP\_FA\_2016\_41291\_72758.jpg



Marker of gas line visible on levee crown next to railroad tracks.

LM Start	1.97	Rating **	M	Issue No.	851	
LM End	1.97	Issue Type +	En	Location *	CR	
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.564642 °		38.564642 °
				-121.516441 °		-121.516441 °
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:38742						
DS_ID:24920						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Indicator Found						
UCIP Comments:						
FIELD_STRUCT_DESC: sump pump station						
FS Date: 3/6/2013						

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2016**

**City of Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/15/2016 09/15/2016	Oleg Yakimov

LM Start	1.97	Rating **	M	Issue No.	849
LM End	1.97	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.564846 °	38.564846 °
				-121.515857 °	-121.515857 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:38740					
DS_ID:24914					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					
UCIP Comments:					
FIELD_STRUCT_DESC: SMUD line					
FS Date: 3/6/2013					

No Photos

LM Start	1.97	Rating **	M	Issue No.	850
LM End	1.97	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.564774 °	38.564774 °
				-121.515938 °	-121.515938 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:38741					
DS_ID:24918					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					
UCIP Comments: unable to determine if crossing goes through levee.					
FIELD_STRUCT_DESC: storm drain manhole					
FS Date: 3/6/2013					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2016**

**City of Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/15/2016 09/15/2016	Oleg Yakimov

LM Start	2.04	Rating **	M	Issue No.	855
LM End	2.04	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.563702 °	38.563702 °
				-121.515876 °	-121.515876 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:41293 DS_ID:24921 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need to contact owner to determine type of crossing and status. Need to find out the alignment of crossing. FIELD_STRUCT_DESC: 1 of 4. Crossing found through railroad/levee visible on landward side. FS Date: 3/6/2013					

LM Start	<b>2.04</b>	Rating **	M	Issue No.	<b>855 (cont)</b>
LM End	<b>2.04</b>	Issue Type +	En	Location *	CR

Photo 1 of 2 : UCIP\_FA\_2016\_41293\_72760.jpg



PVC pipe through levee.

Photo 2 of 2 : UCIP\_FA\_2016\_41293\_72759.jpg



View of landward side.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2016**

**City of Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/15/2016 09/15/2016	Oleg Yakimov

LM Start	2.05	Rating **	M	Issue No.	856
LM End	2.05	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.563562 °	38.563562 °
				-121.515867 °	-121.515867 °
DWR ID					

**Comment Code**

**Inspector Comment**

FS\_ID:41294  
DS\_ID:24922  
EP\_NO: N/A  
Repair Type: Non-Urgent  
Crossing Status: Indicator Found  
UCIP Comments: Need to contact owner to determine type of crossing and status. Need to find out the alignment of crossing.  
FIELD\_STRUCT\_DESC: 2 of 4. Crossing found through railroad/levee visible on landward side.  
FS Date: 3/6/2013

LM Start	<b>2.05</b>	Rating **	M	Issue No.	<b>856 (cont)</b>
LM End	<b>2.05</b>	Issue Type +	En	Location *	CR

Photo 1 of 2 : UCIP\_FA\_2016\_41294\_72762.jpg



PVC pipe through levee.

Photo 2 of 2 : UCIP\_FA\_2016\_41294\_72761.jpg



View of landward side.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2016**

**City of Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/15/2016 09/15/2016	Oleg Yakimov

LM Start	2.08	Rating **	M	Issue No.	857
LM End	2.08	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.563196 °	38.563196 °
				-121.515833 °	-121.515833 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:41295 DS_ID:24923 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need to contact owner to determine type of crossing and status. Need to find out the alignment of crossing. FIELD_STRUCT_DESC: 3 of 4. Crossing found through railroad/levee visible on landward side. FS Date: 3/6/2013					

Photo 1 of 2 : UCIP\_FA\_2016\_41295\_72764.jpg



View of landward side.

LM Start	<b>2.08</b>	Rating **	M	Issue No.	<b>857 (cont)</b>
LM End	<b>2.08</b>	Issue Type +	En	Location *	CR

Photo 2 of 2 : UCIP\_FA\_2016\_41295\_72763.jpg



Dense vegetation along landward slope.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2016**

**City of Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/15/2016 09/15/2016	Oleg Yakimov

LM Start	2.12	Rating **	M	Issue No.	853
LM End	2.12	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.562532 °	38.562532 °
				-121.515763 °	-121.515763 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:38827 DS_ID:24924 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need to contact owner to determine type of crossing and status. Need to find out the alignment of crossing. FIELD_STRUCT_DESC: 4 of 4. Crossing found through railroad/levee visible on landward side. FS Date: 3/6/2013					

Photo 1 of 2 : UCIP\_FA\_2016\_38827\_72766.jpg



View of landward side.

LM Start	<b>2.12</b>	Rating **	M	Issue No.	<b>853 (cont)</b>
LM End	<b>2.12</b>	Issue Type +	En	Location *	CR

Photo 2 of 2 : UCIP\_FA\_2016\_38827\_72765.jpg



Dense vegetation on landward side.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2016**

**City of Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/15/2016 09/15/2016	Oleg Yakimov

LM Start	2.29	Rating **	M	Issue No.	868
LM End	2.29	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.560088 °	38.560088 °
				-121.515150 °	-121.515150 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:41431 DS_ID:24925 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need to coordinate with owner to determine status of crossing. FIELD_STRUCT_DESC: 18 inch storm drain at unknown depth. Crossing information was obtained from Sacramento County GIS records. (Permit No. 1425, 1949) FS Date: 3/6/2013					

Photo 1 of 1 : UCIP\_FA\_2016\_41431\_72800.jpg



Approximate alignment through levee provided by the City of Sacramento GIS.

LM Start	2.30	Rating **	M	Issue No.	77
LM End	2.30	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.559889 °	38.559889 °
				-121.515341 °	-121.515341 °
DWR ID	DWR_NA0005_01_f_2016_77				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : FA\_2016\_NA0005\_251\_77\_20160915\_00118.jpg



More squirrel holes found on waterward slope. Fall 2016.

**\* Location**

LS : Land Side    N/A : Not Applicable  
 WS : Water Side  
 CR : Crown

**\*\* Rating**

A : Acceptable                      N : Not Inspected/Rated  
 M : Minimally Acceptable        C : Corrected  
 U : Unacceptable                  A/W : Acceptable but Monitor & Maintain

**+ Issue Type**

Ma : Maintenance Deficiency  
 Ob : Design & System Obsolescence  
 En : Enforcement



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2016**

**City of Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/15/2016 09/15/2016	Oleg Yakimov

LM Start	2.31	Rating **	M	Issue No.	82
LM End	2.31	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.559767 °	38.559767 °
				-121.515264 °	-121.515264 °
DWR ID	DWR_NA0005_01_s_2016_82				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : FA\_2016\_NA0005\_251\_82\_20160913\_00014.jpg



View of the rodent holes on the waterward side of the levee looking downstream. Spring 2016.

LM Start	2.39	Rating **	M	Issue No.	869
LM End	2.39	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.558793 °	38.558793 °
				-121.514460 °	-121.514460 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:41433 DS_ID:24926 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need to coordinate with owner to determine status of crossing. Unable to find crossing in the field. FIELD_STRUCT_DESC: Unknown pipe size through levee. Crossing information was obtained from Sacramento County GIS records. FS Date: 3/6/2013					

Photo 1 of 1 : UCIP\_FA\_2016\_41433\_72801.jpg



Approximate alignment for crossing provided by City of Sacramento GIS.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	<b>N : Not Inspected/Rated</b> C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2016**

**City of Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/15/2016 09/15/2016	Oleg Yakimov

LM Start	2.43	Rating **	U	Issue No.	78
LM End	2.43	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.558281 °	38.558281 °
				-121.514393 °	-121.514393 °
DWR ID	DWR_NA0005_01_f_2015_78				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : FA\_2016\_NA0005\_251\_78\_20160915\_00119.jpg



Rodent holes with more than 2 cub ft. of soil taken out found on landside slope of the levee. Fall 2016.

LM Start	2.43	Rating **	M	Issue No.	858
LM End	2.43	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.558224 °	38.558224 °
				-121.514365 °	-121.514365 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:41296 DS_ID:24927 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need to coordinate with owner to determine status of crossing--unable to locate in field. FIELD_STRUCT_DESC: 18 inch storm drain at unknown depth. Crossing information was obtained from Sacramento County GIS records. FS Date: 3/6/2013					

Photo 1 of 1 : UCIP\_FA\_2016\_41296\_72767.jpg



Approximate alignment of crossing provided by the City of Sacramento.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2016**

**City of Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/15/2016 09/15/2016	Oleg Yakimov

LM Start	2.45	Rating **	A/W	Issue No.	8
LM End	2.45	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.557937 °	38.557937 °
				-121.514237 °	-121.514237 °
DWR ID	DWR_NA0005_01_s_2012_8				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					

No Photos

LM Start	2.46	Rating **	A/W	Issue No.	21
LM End	2.75	Issue Type +	Ob	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.557828 °	38.553710 °
				-121.514193 °	-121.512863 °
DWR ID	DWR_NA0005_01_s_2012_21				
Comment Code					
V8 : Environmental Requirements.					
Inspector Comment					
Revegetation site is at the toe of the levee on the waterward side.					

Photo 1 of 2 : FA\_2016\_NA0005\_251\_21\_20160913\_00012.jpg

View of the revegetation site on the waterward side looking downstream.  
Fall 2015.

LM Start	<b>2.46</b>	Rating **	A/W	Issue No.	<b>21 (cont)</b>
LM End	<b>2.75</b>	Issue Type +	Ob	Location *	WS

Photo 2 of 2 : FA\_2016\_NA0005\_251\_21\_20160913\_00013.jpg



This area is a revegetation site. Fall 2015.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2016**

**City of Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/15/2016 09/15/2016	Oleg Yakimov

LM Start	2.52	Rating **	M	Issue No.	84
LM End	2.92	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.556964 °	38.551504 °
				-121.513926 °	-121.511746 °
DWR ID	DWR_NA0005_01_s_2016_84				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

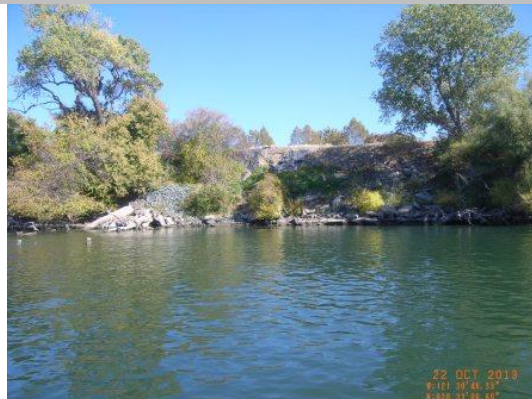
Photo 1 of 1 : FA\_2016\_NA0005\_251\_84\_20160915\_00120.jpg



View of landside slope. Tree trimming and vegetation removal required. Fall 2016.

LM Start	2.85	Rating **	M	Issue No.	2
LM End	2.90	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.552268 °	38.551578 °
				-121.512590 °	-121.512336 °
DWR ID	DWR_NA0005_01_s_2016_2				
Comment Code					
Inspector Comment					
1997 - Erosion at pump station, concrete debris and plastic showing. 2000 - Separation scour of bank due to poor transition. 2004 - New large tree pop out; city dumped fill dirt/rock into hole. 2006 - Minor new erosion at top of bank. 2010 - Some new rock placed in tree pop-out. 2011 - A large tree has fallen and flood fighting was performed by the city on the upper levee slope. 2012 - Small rock placed in hole from tree popout. 2015: No observed changes. [2015 Site ID: SAC_56-6_L]					

Photo 1 of 1 : FA\_2016\_NA0005\_251\_2\_20160913\_00003.jpg



USACE 2013 Photo #1

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2016**

**City of Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/15/2016 09/15/2016	Oleg Yakimov

LM Start	2.89	Rating **	M	Issue No.	10
LM End	2.89	Issue Type +	En	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.551810 °	38.551810 °
				-121.511838 °	-121.511838 °
DWR ID	DWR_NA0005_01_s_2012_10				
Comment Code					
BU : Building					
Inspector Comment					

Photo 1 of 1 : FA\_2016\_NA0005\_251\_10\_20160913\_00009.jpg



View of the City of Sacramento pump station on the waterward side of the levee looking upstream. Spring 2016.

LM Start	2.89	Rating **	M	Issue No.	880
LM End	2.89	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.551797 °	38.551797 °
				-121.511859 °	-121.511859 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:45133 DS_ID:21578 EP_NO: 2043 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: This crossing has been abandoned. According to City of Sacramento Staff the last time this crossing was fired up to see if it was functioning was 3 years ago. Recommend owner coordinating with Central Valley Flood Protection Board (CVFPB) to abandon facility per Title 23. FIELD_STRUCT_DESC: Ranney collector on waterward slope. Ranney collector with 24 inch discharge pipe through levee. (Permit No. 2043, City of Sacramento-1955). FS Date: 3/7/2013					

Photo 1 of 2 : UCIP\_FA\_2016\_45133\_59534.jpg



Concrete vault located on landward shoulder.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2016**

**City of Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/15/2016 09/15/2016	Oleg Yakimov

LM Start	2.89	Rating **	M	Issue No.	880 (cont)	
LM End	2.89	Issue Type +	En	Location *	CR	
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.551797 °		38.551797 °
				-121.511859 °		-121.511859 °
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:45133						
DS_ID:21578						
EP_NO: 2043						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: This crossing has been abandoned. According to City of Sacramento Staff the last time this crossing was fired up to see if it was functioning was 3 years ago. Recommend owner coordinating with Central Valley Flood Protection Board (CVFPB) to abandon facility per Title 23.						
FIELD_STRUCT_DESC: Ranney collector on waterward slope. Ranney collector with 24 inch discharge pipe through levee. (Permit No. 2043, City of Sacramento-1955).						
FS Date: 3/7/2013						

Photo 2 of 2 : UCIP\_FA\_2016\_45133\_59532.jpg



Ranney collector facility operated by the City of Sacramento.

LM Start	3.29	Rating **	M	Issue No.	9
LM End	3.29	Issue Type +	En	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.546302 °	38.546302 °
				-121.510197 °	-121.510197 °
DWR ID	DWR_NA0005_01_f_2013_9				
Comment Code					
EQ : Equipment					
Inspector Comment					
There are four cars on the levee crown.					

Photo 1 of 1 : FA\_2016\_NA0005\_251\_9\_20160913\_00008.jpg



Trains cars are stored on the crown of the levee. Fall 2013

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2016**

**City of Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/15/2016 09/15/2016	Oleg Yakimov

LM Start	3.35	Rating **	M	Issue No.	85
LM End	3.35	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.545403 °	38.545403 °
				-121.509830 °	-121.509830 °
DWR ID	DWR_NA0005_01_s_2016_85				
Comment Code					
T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

LM Start	<b>3.35</b>	Rating **	M	Issue No.	<b>85 (cont)</b>
LM End	<b>3.35</b>	Issue Type +	Ma	Location *	LS

Photo 1 of 2 : FA\_2016\_NA0005\_251\_85\_20160913\_00015.jpg



View of the trees on the landward side of the levee. Spring 2016.

Photo 2 of 2 : FA\_2016\_NA0005\_251\_85\_20160913\_00016.jpg



Perspective view of the trees on the landward side of the levee looking downstream. Spring 2016.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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